

REMARKS

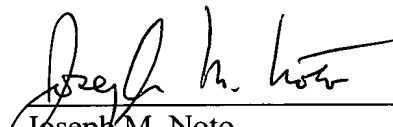
Entry of the foregoing in advance of the initial Office Action is respectfully requested.

By the present preliminary amendment, claims 2-11 and the Abstract have been amended to conform the foreign language originating text to U.S. practice. Pursuant to 37 CFR § 1.121, attached as Appendix A is a Version With Markings to Show Changes Made.

Early allowance of the pending claims is hereby earnestly solicited.

Respectfully submitted,

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Appendix A
Version With Markings to Show Changes Made

In reference to the amendments made herein to claims 2-11, additions appear as underlined text, while deletions appear as bracketed text, as indicated below:

2. (Amended) Acrylophosphonic acid according to claim 1, [characterized in that] wherein the variables of formula (I) have the following meanings independently of each other:

R^1 = a linear or branched C_1 to C_5 alkylene radical of phenylene;

R^2 = hydrogen or a linear C_1 to C_3 alkyl radical;

Y = oxygen or is absent;

X = CN or $CONR^3$ with

R^3 = hydrogen, a linear C_1 to C_6 alkyl radical, a phenyl radical or together with Z part of a six-membered ring;

n = 1 or 2; and

Z = hydrogen or a linear or branched C_1 to C_{10} alkyl radical, a phenyl radical or together with R^3 part of a six-membered ring (for n = 1); or

Z = a linear C_1 to C_{10} alkylene radical or together with R^3 part of a six-membered ring (for n = 2).

3. (Amended) Acrylophosphonic acid according to claim 2, [characterized in that] wherein the variables of formula (I) have the following meanings independently of each other:

R^1 = a linear C_1 to C_4 alkylene radical;

R^2 = hydrogen or a methyl radical;

Y = oxygen;

X = $CONR^3$;

R^3 = hydrogen or a linear C_1 to C_5 alkyl radical; and

Z = hydrogen or a linear C_1 to C_6 alkyl radical (for n = 1); or

Z = a linear C_1 to C_5 alkylene radical (for n = 2).

4. (Amended) Acrylophosphonic acid according to [one of claims 1 to 3, characterized in that] claim 1, wherein the radicals R^1 , R^2 , R^3 and/or Y are unsubstituted.

5. (Amended) Acrylophosphonic acid according to [one of claims 1 to 4, characterized in that] claim 1, wherein the radical Z is unsubstituted or is substituted by =O, =S, =NR² or -NR³-CO-C(=CH₂)CH₂-Y-R¹ PO(OH)₂.

6. (Amended) [Use of the a] Acrylophosphonic acid according to claim 1, wherein said acrylophosphonic acid is [claims 1 to 5 as] a component of an adhesive, of a polymer, of a composite, of a cement, of a molded article [and] or [in particular of] a dental material.

7. (Amended) [Use] Acrylophosphonic acid according to claim 6, [characterized in that] wherein the dental material is a dental adhesive, a fixing cement or a filling composite.

8. (Amended) [Use] Acrylophosphonic acid according to claim 6 [or 7, characterized in that], wherein the acrylophosphonic acid is present in at least partially polymerized form.

9. (Amended) Dental material[, characterized in that it contains] containing an acrylophosphonic acid according to claim 1 [claims 1 to 5].

10. (Amended) Dental material according to claim 9, [characterized in that it contains] containing the acrylophosphonic acid in at least partially polymerized form.

11. (Amended) Polymers and copolymers[, characterized in that they can be] obtained by polymerization or copolymerization of an acrylophosphonic acid according to claim 1 [one of claims 1 to 5].

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